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United States Patent [19]**Smith Stephen W. et al.**[11] **Patent Number:** **5,351,176**[45] **Date of Patent:** **Sep. 27, 1994**[54] **PANEL FOR A COMPUTER INCLUDING A HINGED DOOR WITH INTEGRAL DISPLAY**[75] **Inventors:** **Smith Stephen W.**, South Lyon;
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Hauppauge, N.Y.[21] **Appl. No.:** **999,216**[22] **Filed:** **Dec. 31, 1992**[51] **Int. Cl.⁵** **H05K 5/03; H04N 5/64;**
G06F 1/16[52] **U.S. Cl.** **361/681; 348/827;**
348/839; 312/302; 248/917[58] **Field of Search** **358/254; 364/708.1;**
211/26; 312/223.1, 223.2, 223.3, 302, 309,
348.4, 7.2; 361/680-683, 724-726, 816, 818;
174/35 R, 35 GC; 345/905; 348/827, 839[56] **References Cited****U.S. PATENT DOCUMENTS**4,514,920 5/1985 Shafrir et al. .
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5,248,193 9/1993 Schlemmer 312/223.2*Primary Examiner*—Leo P. Picard*Assistant Examiner*—Michael W. Phillips*Attorney, Agent, or Firm*—Dilworth & Barrese[57] **ABSTRACT**

The present invention relates to front panel display construction for computers. The front panel includes a panel assembly secured to the computer having an opening formed therein so as to provide access to internal components of the computer. In addition, the front panel has a display member pivotably secured to the panel assembly which pivots between an open position and a closed position. In the open position the internal components of the computer are accessible to a user or operator and in the closed position, access to the internal components is inhibited.

28 Claims, 6 Drawing Sheets